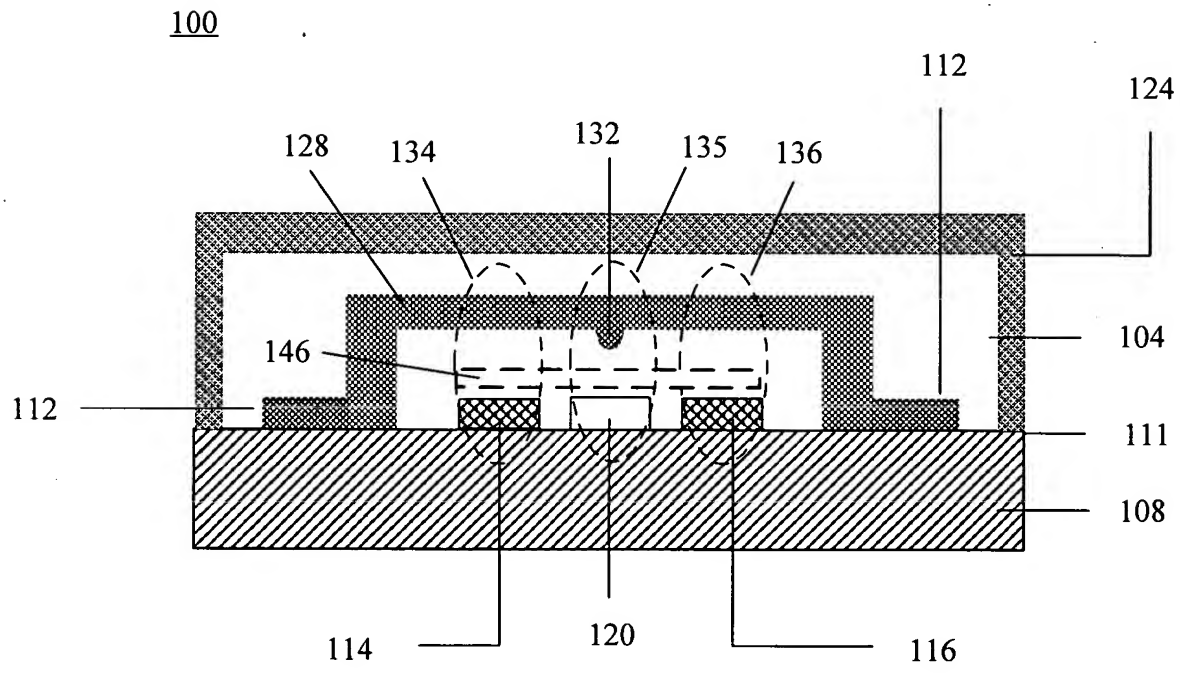

Figure 1

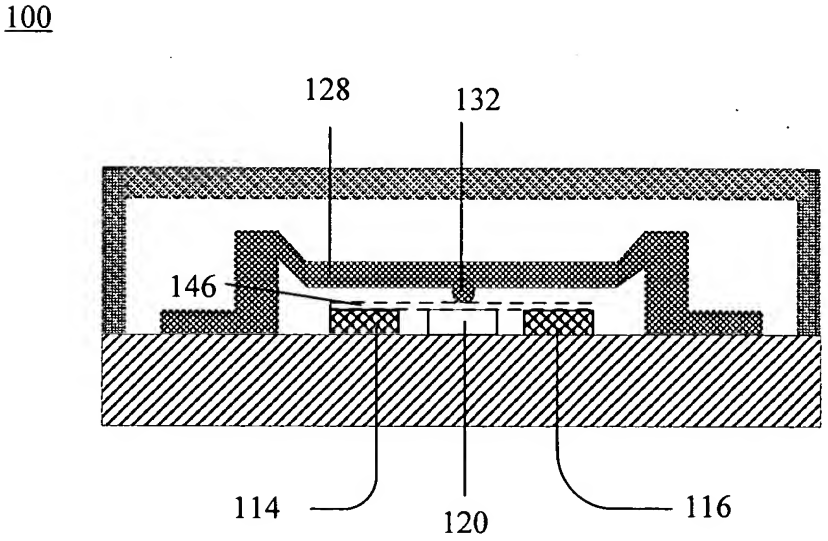

Figure 2

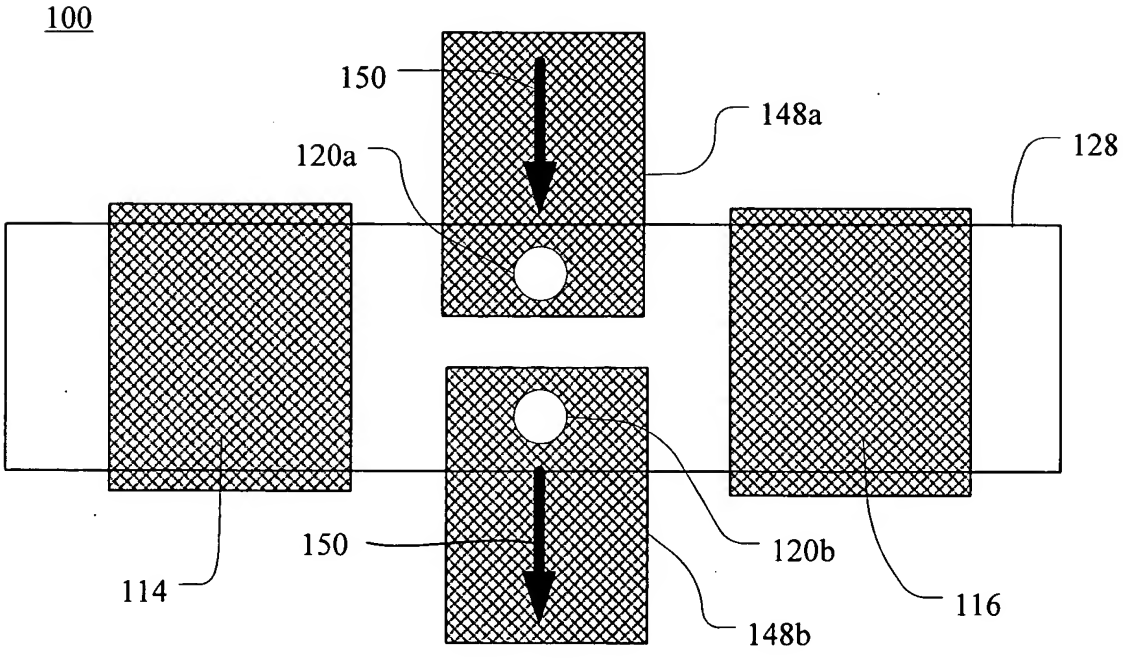

Figure 3

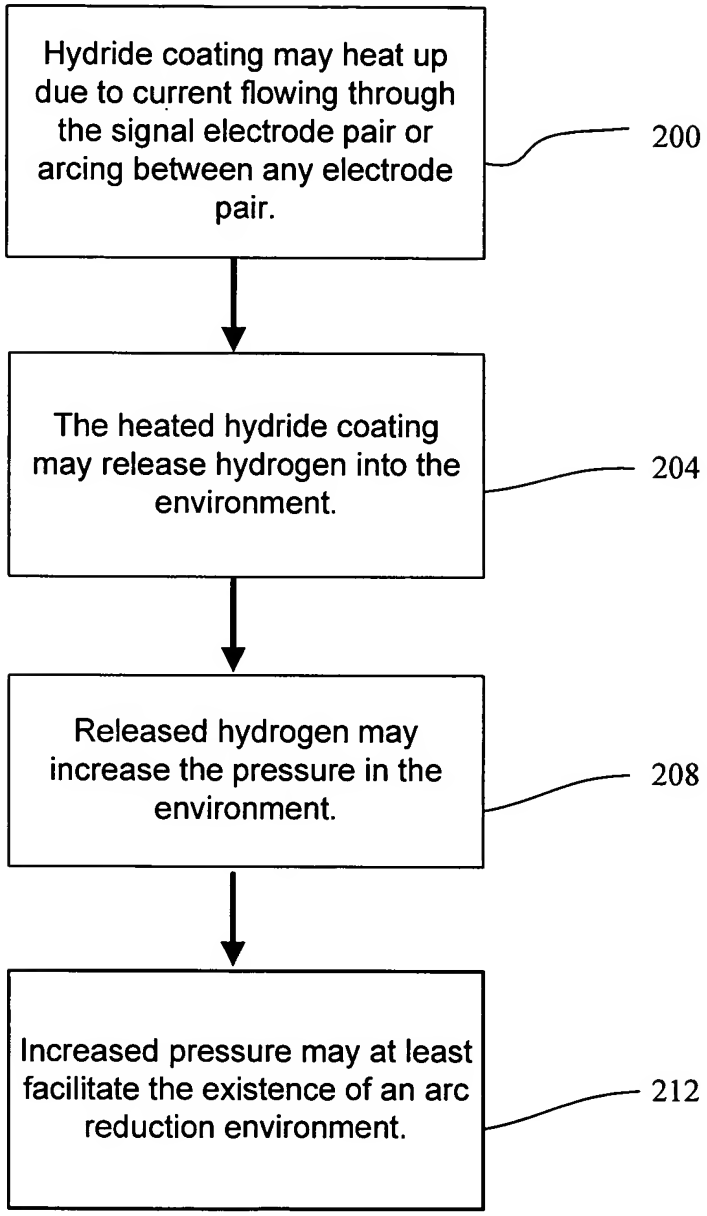
Hydride coating may heat up due to current flowing through the signal electrode pair or arcing between any electrode pair.
200
The heated hydride coating may release hydrogen into the environment.
204
Released hydrogen may increase the pressure in the environment.
208
Increased pressure may at least facilitate the existence of an arc reduction environment.
212

Figure 4

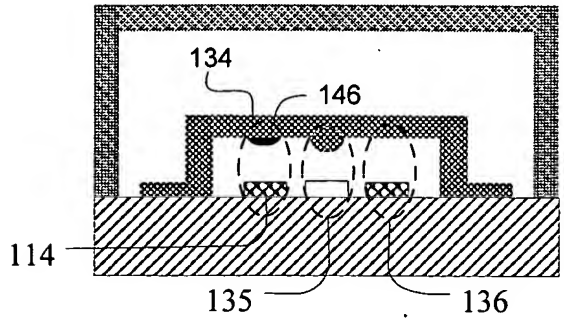

Figure 5a

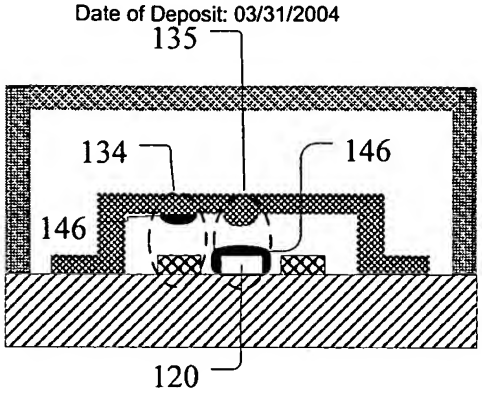

Figure 5b

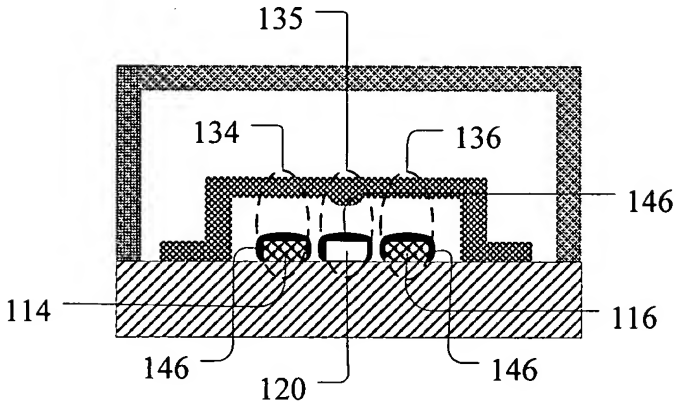

Figure 5c

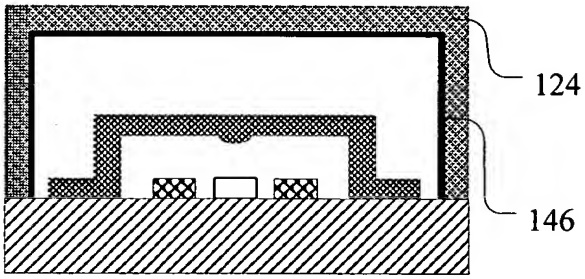

Figure 5d

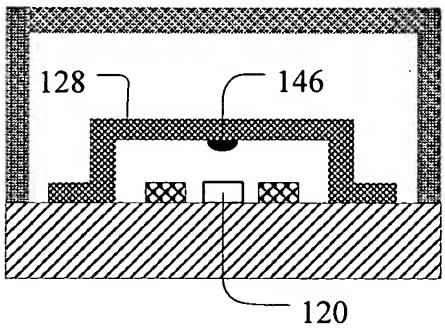

Figure 6

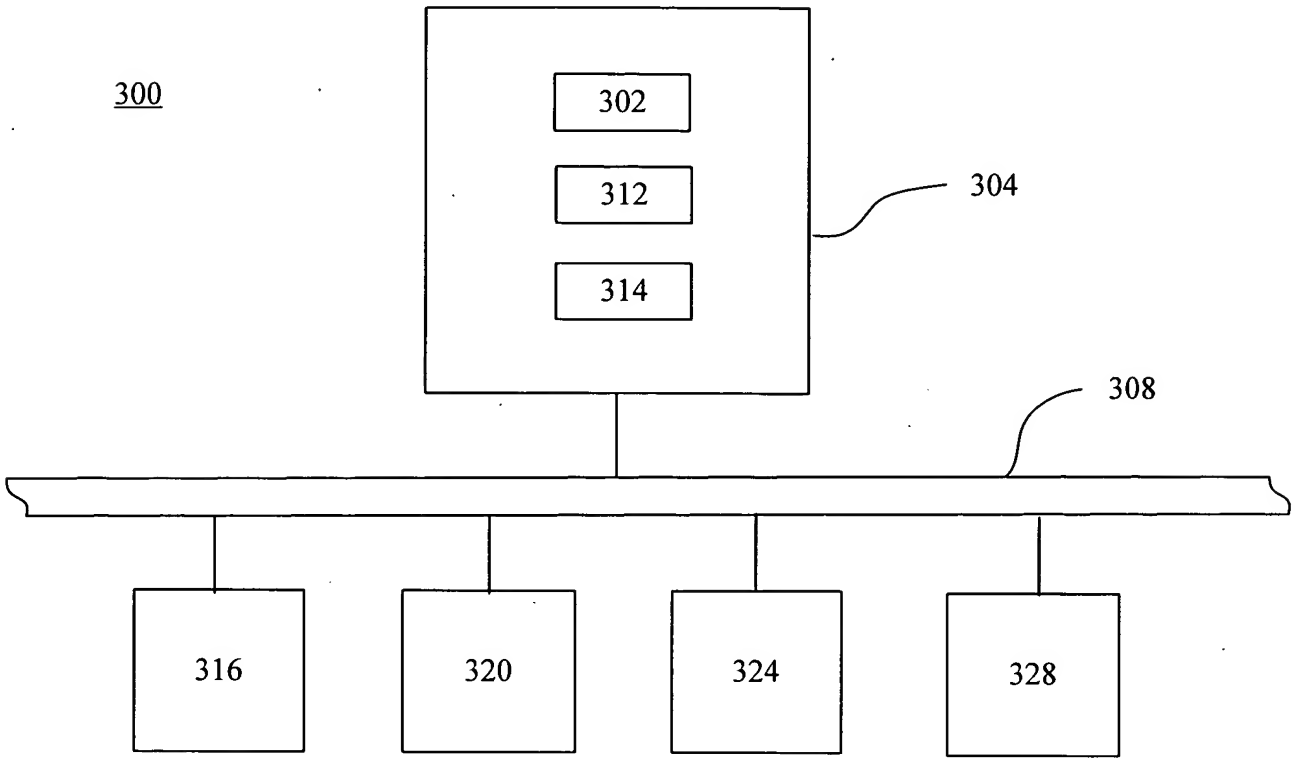

Figure 7